

Ord No.

**Information to be included in all Legislation authorizing entering into a Contract:**

1. **The names, contract compliance no. & expiration date, location by City/State and status of all companies (NPO, MAJ, MBE, FBE, HL1, AS1, or MBR) submitting a competitive bid or submitting an RFP or RFSQ.**

<b><u>Name</u></b>	<b><u>C.C. No./Exp. Date</u></b>	<b><u>City/State</u></b>	<b><u>Status</u></b>
Black & Veatch	CC33073-122530, 9/22/17	Columbus, OH	MAJ
Arcadis	CC73224-122749, 5/14/17	Columbus, OH	MAJ
Varo	CC004243, 02-01-18	Columbus, OH	MAJ
Hazen & Sawyer	CC000630, 03-14-1818	Columbus, OH	MAJ
CH2M Hill	CC00027-11205, 11-10-18	Columbus, OH	MAJ

2. **What type of bidding process was used (ITB, RFP, RFSQ, Competitive Bid).**

Requests for Proposals (RFP's) were opened on August 22, 2016

3. **List the ranking and order of all bidders.**

1. Black & Veatch (Best)
2. Arcadis (second place)
3. Hazen & Sawyer (third place)
4. CM2H (fourth place)
5. Varo (fifth place)

4. **Complete address, contact name, phone number, and e-mail address for the successful bidder only.**

Arcadis  
100 E Campus View Blvd  
Suite 200  
Columbus, OH 43235  
Chad Dunn  
614.985.9220  
[Chad.Dunn@arcadis.com](mailto:Chad.Dunn@arcadis.com)

6. **A full description of all work to be performed including a full description of work to be performed during any known phasing of the contract. The planning area should also be listed as well as any street or neighborhood names.**

The complete twelve page scope of work is attached, and an executive summary follows here. The Jackson Pike Wastewater Treatment Plant creates large amounts of methane rich digester biogas which is now burned in flares as a waste product. A recent feasibility study shows that installing a cogeneration system can beneficially use this biogas as fuel to create electricity that will supply about half the total electricity the plant uses, with an

acceptable payback period and significant overall reductions in greenhouse gas emissions. The cogeneration system will be relatively large and complex. This project also includes replacing certain plant boilers at the end of their useful life and installs CMT facilities. This project purchases the preliminary engineering design services for the project. Future legislation will purchase the detailed design of the project and future legislation will purchase and install the equipment and facilities.

The construction work will occur at the Jackson Pike Wastewater Treatment Plant, in Columbus Planning Area 17, Greenlawn/Frank Road

**6. A narrative timeline for the contract including a beginning date, beginning and ending dates for known phases of the contract and a projected ending date.**

This Engineering Agreement authorizes the Preliminary Design work which is expected to begin on July 1, 2017, and end on March 31, 2018. A first contract modification is expected to authorize the Detailed Design work and Bidding Assistance expected to begin on April 2, 2018, and end on October 11, 2019. A second contract modification is expected to authorize Services during Construction, expected to start on October 12, 2019 and end at the completion of construction expected on March 31, 2021.

**7. A narrative discussing the economic impact or economic advantages of the project; community outreach or input in the development of the project; and any environmental factors or advantages of the project.**

This project installs a cogeneration system that will use a plant biogas, now burned in flares as a waste product to create large amounts of electricity. A detailed feasibility study shows a large overall reduction in greenhouse gas emissions every year, and shows the project has a reasonable payback period when the substantial cost reductions of plant electricity is compared to the overall capital and operating costs.

**8. An estimate of the full cost of the Contract including a separate estimate of any and all phases or proposed future contract modifications.**

The bid amount and proposed award amount is \$1,025,882.80, including a 10% design contingency amount that will be utilized to fund needed and approved changes in the work. The future anticipated needs below include all future Step 2 and Step 3 design services to complete the project. The purchase of equipment and construction will be funded through a separate CIP and are not included below.

Cost summary:

Original Contract, Preliminary Design	\$1,025,882.80
Future Anticipated Needs	<u>\$ 2,805,000.00</u>
CONTRACT TOTAL	\$ 3,830,882.80

**9. Subconsultant information**

Subcontractor Work Identification Form is attached